

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 18374  
Application ID: 10065247  
Title of Invention: EMBEDDED THERMAL CONTROL  
SYSTEM FOR HIGH FIELD MR  
SCANNERS  
First Named Inventor: David Dean  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-09-27  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: GEMS 0149 PU  
Digital Certificate Holder: cn=John A. Artz, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: gCSYXNSHmDKc3J1cVsocXA==  
Total Fees Authorized: \$780.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 500476  
Deposit Account Name: John A. Artz



# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

GEMS 0149  
PU



## EMBEDDED THERMAL CONTROL SYSTEM FOR HIGH FIELD MR SCANNERS

First Named Inventor: Mr. David Dean

### SUBMITTED BY

Name:	Mr. John A. Artz
Registration Number:	25824
Electronic Signature Mark: John A. Artz	Date Signed: 20020927

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	Declaration1.tif
declaration	Declaration2.tif

[illegible]

specification

Specification.xml

bibd-transmittal

GEMS0149apds.xml

fee-transmittal

GEMS0149fee.xml

patent-assignments

GEMS0149asgn.xml

**Attached Image File(s):**

Declaration1.tif

Declaration2.tif

Comments:

[illegible]

Attorney Docket No.: 124272 (GEMS-0149 PUS)

**As a below named inventor, I hereby declare that:**

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if pl names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## EMBEDDED THERMAL CONTROL SYSTEM FOR HIGH FIELD MR SCANNERS

the specification of which:

[illegible]

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 USC §119(a)-(d) or 365(b) of any foreign application(s) for patent or invention certificate, or 365(a) of any PCT International Application which designated at least one country other than the United States: America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International Application having a filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s):**

Priority Claimed \_\_\_\_\_ Certified Copy Attached \_\_\_\_\_  
Yes \_\_\_\_\_ No \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_

<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>
1	USA	11/15/2017
2	USA	11/15/2017
3	USA	11/15/2017
4	USA	11/15/2017
5	USA	11/15/2017
6	USA	11/15/2017
7	USA	11/15/2017
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99	USA	11/15/2017
100	USA	11/15/2017

I hereby claim the benefit under 35 USC §120 of any United States application(s), or 365(c) of any PCT International Application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s) OR  
PCT Parent Number:

\_\_\_\_\_  
(Serial Number)                      \_\_\_\_\_  
(Day/Month/Year Filed)                      \_\_\_\_\_  
(Patented, pending, abandoned)

I hereby claim the benefit under 35 USC § 119(e) of any United States provisional application listed below.

\_\_\_\_\_  
(Application Number) (Day/Month/Year Filed)

— 11 —

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information or belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: David Dean  
Inventor's signature *David Dean* Date 15-Aug-02  
Post Office Address same as residence Citizenship \_\_\_\_\_  
Residence 288 Hickory Court, Hartland, WI 53185

Full name of second inventor: Ariel Friedlander  
Inventor's signature *Ariel Friedlander* Date August 15, 2002  
Post Office Address same as residence Citizenship \_\_\_\_\_  
Residence 10049 North Concord Drive, Mequon, WI 53097

Full name of third inventor: David Ferguson  
Inventor's signature  Date August 15, 2002  
Post Office Address same as residence Citizenship \_\_\_\_\_  
Residence N75 W22531 Chestnut Hill Road

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 50-0476  
Deposit Account Name: Artz & Artz, PC



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: John A. Artz  
Electronic Signature Mark: John A. Artz  
Date Signed: 20020927

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 17	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

[illegible]

Subtotal For Extra Claims Fees: \$ 0

## ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40